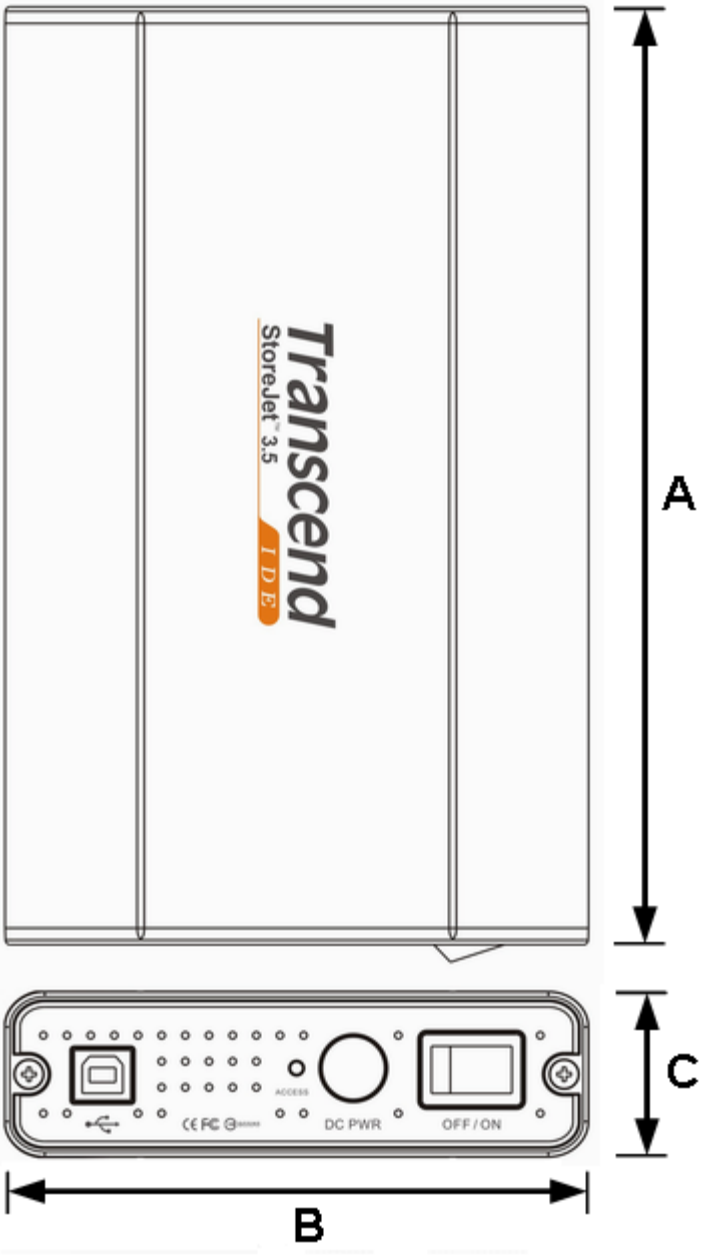
TS0GSJ35

StoreJet™ 35

Description

TS0GSJ35 is the Transcend StoreJet™ 3.5” IDE hard disk enclosure. This device is designed to expedite exchanging huge amounts of data between Transcend StoreJet™ and any desktop or notebook computer.

Placement



System Requirements

- Desktop or notebook computers with USB port
- One of following operating systems:
  Windows 98SE, Windows ME/2000/XP,
  Mac OS 9.0 or above
  Linux Kernel 2.4 or above

Features

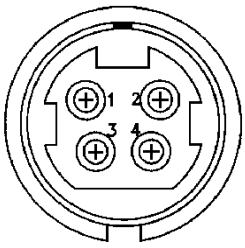
- Fully compliant with USB 2.0 specification
- Fully backward compatible with USB 1.1 specification
- 100% compatible with USB interface in Windows or Mac
- High transfer rate up to 480 Mbits per second
- Easy plug and play installation
- Powered by 12V/5V Switching Power Adapter
- LEDs indicate power on and data access
- Recommended operating temperature: 5°C ~ 60°C

Dimensions

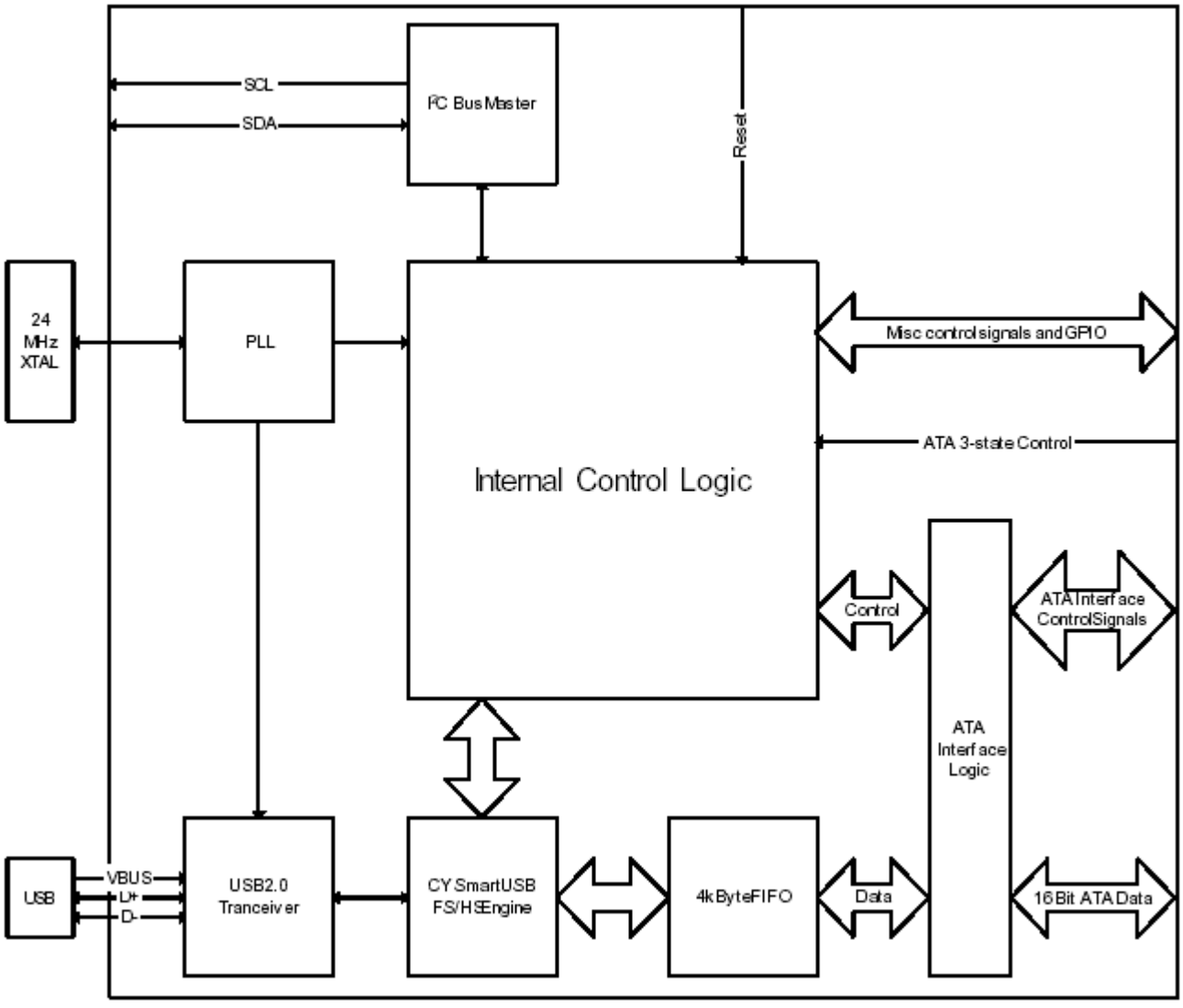
Side	Millimeters	Inches
A	198.50 ± 1.00	7.81 ± 0.04
B	123.40 ± 1.00	4.86 ± 0.04
C	35.00 ± 1.00	1.38 ± 0.04

DC Jack Pinouts

Pin No.	Function
01	+12V
02	+5V
03	GND
04	GND



Block Diagram



Pinouts

Pin No.	Pin Name
01	VCC
02	USB-
03	USB+
04	VSS

Pin Identification

Symbol	Function
USB-	USB differential signal
USB+	The pairs are used to transmit Data/Address/Command
VCC	VBUS_PWR_VALID
VSS	Ground

Specifications

Environment		
Storage Media		3.5 inch IDE Hard Disk
Temperature	Operating	5 ℃ to 60 ℃
	Storage	-40 ℃ to 70 ℃
System Performance	Read Speed	23 MB/sec (Max.)
	Write Speed	17 MB/sec (Max.)
Power Supply	Switching Power Adapter	AC input: 100V-240V
		DC output: 12V/5V 2A
Size (L x W x H)		198.5mmx123.4mmx35mm
Weight	Without Hard Drive	Max. 450g
Humidity		8% to 90% RH
Certificates		CE, FCC, BSMI

Absolute Maximum Ratings

Symbol	Range	Unit
Storage Temperature	-65 ~ 150	°C
Ambient Temperature with Power Supplied	0 ~ 70	°C
Power Dissipation	300	mW
Static Discharge Voltage	> 2000	V
Max Output Current Per I/O Port	10	mA

DC Characteristics

Parameter	Description	Min.	Typ.	Max.	Unit
V_{CC}	Supply Voltage	3.00	3.3	3.60	V
V_{IH}	Input High Voltage	2		5.25	V
V_{IL}	Input Low Voltage	-0.5		0.8	V
I_I	Input Leakage Current			±10	μA
V_{IH_X}	Crystal Input High Voltage	2		5.25	V
V_{IL_X}	Crystal Input Low Voltage	-0.5		0.8	V
V_{OH}	Output Voltage High	2.4			V
V_{OL}	Output Voltage Low			0.4	V
I_{OH}	Output Current High			4	mA
I_{OL}	Output Current Low			4	mA
I_{SUSP}	Suspend Current for Connected		0.5	1.2	mA
	Suspend Current for Disconnected		0.3	1.0	mA
I_{CC}	Supply Current for USB High Speed		50	85	mA
	Supply Current for USB Full Speed		35	65	mA
$I_{UNCONFIG}$	Unconfigured Current		43		mA

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